

CONDUIT AND CABLE SCHEDULE STAGE II AND III

CONDUIT DESIGNATION	CIRCUIT No.	FROM	TO	SERVICE	CONDUIT NUMBER OF SETS	SIZE	CABLE (PER CSET) OR BUSWAY NUMBER & SIZE	TYPE	REMARKS	CONDUIT DESIGNATION	CIRCUIT No.	FROM	TO	SERVICE	CONDUIT NUMBER OF SETS	SIZE	CABLE (PER CSET) OR BUSWAY NUMBER & SIZE	TYPE	REMARKS
MEDIUM VOLTAGE 15KV CABLE (SEE DWG. #E-25, RISER DIAGRAM)										FDR'S - TRANSFER FROM EXIST. SWGR									
PF-A5B	—	EXIST. 15KV SPLICE CABINET	BKR. #HV-B1	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	"Y" SPLICE TO EXISTING RISER CABLE	R-4	1-4	SWGR. BUS #1	ATS #41SR	480V	4	3"	3-350MCM 1-#1/0	EPR GND.	TEMPORARY FDR.
PF-A5B TEMP	—	BKR. #HV-B1	EXIST. TR-S	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	TEMPORARY FDR.		—	ATS #41SR	SWGR. BUS #EL	480V	4	3"	3-350MCM 1-#1/0	EPR GND.	TEMPORARY FDR.
PF-A6B	—	EXIST. 15KV SPLICE CABINET	BKR. #HV-B2	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	"Y" SPLICE TO EXISTING RISER CABLE	R-5	2-4	SWGR. BUS #2	MCC-MS41R	480V	3	3 1/2"	3-350MCM 1-#1/0	EPR GND.	TEMPORARY FDR.
PF-A6B TEMP	—	BKR. #HV-B2	EXIST. TR-6	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	TEMPORARY FDR.		—	SWGR. BUS #2	DINING FACILITY	480/ 277V	1	3 1/2"	3-350MCM 1-#1/0	EPR GND.	TEMPORARY FDR.
PF-A7B	—	EXIST. 15KV SPLICE CABINET	BKR. #HV-B3	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	"Y" SPLICE TO EXISTING RISER CABLE	R-6	1-3	SWGR. BUS #1	DAI-ICNI BANK C.T. CABINET	480V	1	3 1/2"	3-350MCM 1-#1/0	EPR GND.	TEMPORARY FDR.
PF-A7B TEMP	—	BKR. #HV-B3	EXIST. TR-7	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	TEMPORARY FDR.		—	SWGR. BUS #2	EXIST. P.B. #1	480V	1	2 1/2"	3-350MCM 1-#1/0	EPR GND.	TEMPORARY FDR.
PF-A8B	—	EXIST. 15KV SPLICE CABINET	BKR. #HV-B4	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	"Y" SPLICE TO EXISTING RISER CABLE	R-7	1-6	SWGR. BUS #1	PNL DP-41S	480/ 277V	2	3 1/2"	3-350MCM 1-#1/0	EPR GND.	TEMPORARY FDR.
PF-A8B TEMP	—	BKR. #HV-B4	EXIST. TR-8	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	TEMPORARY FDR.		—	—	—	—	—	—	—	—	—
FDR'S - TRANSFER FROM EXIST. SWGR "L" BUS (SEE DWG. #E-26, ONE LINE DIAGRAM)										FDR'S - TRANSFER FROM EXIST. SWGR									
L-1	3-5	SWGR. BUS #3	ATS #41SL	480V	5	3 1/2"	3-500MCM 1-250MCM	XHHW-2 GND.	①	R-10	EL-1	SWGR. BUS #EL	EXIST. P.B. #1	480V	1	2 1/2"	3-500MCM 1-250MCM	XHHW-2 GND.	3-2
	—	ATS #41SL	EDP #EL-A41EW-B	480V	S	3 1/2"	3-500MCM 1-250MCM	XHHW-2 GND.		R-11	EL-2	SWGR. BUS #EL	EXIST. P.B. #1	480V	1	3 1/2"	3-500MCM 1-250MCM	XHHW-2 GND.	3-5
L-2	3-4	SWGR. BUS #4	P.B. #11	480V	1	3 1/2"	3-350MCM 1-#2	XHHW-2 GND.	①	R-12	EL-3	SWGR. BUS #EL	EXIST. P.B. #1	480V	1	3 1/2"	3-350MCM 1-#2	XHHW-2 GND.	3-5
L-3-TEMP	4-3	SWGR. BUS #4	TRANSF. #TR-L3	480V	2	3 1/2"	3-500MCM 1-#2/0	XHHW-2 GND.		PROVIDE CABLE LUGS AT SWGR. BREAKER	R-13	EL-4	SWGR. BUS #EL	ELEV. DISTRIBUTION PNL #EL-A42B	480V	2	3"	3-350MCM 1-#2/0	XHHW-2 GND.
L-3	4-1	SWGR. BUS #4	TRANSF. #TR-L3	480V	2	3 1/2"	3-500MCM 1-#2/0	XHHW-2 GND.	③	EMERG. POWER FDR'S FROM ELEC.									
L-3	—	CB-L3	EXIST. 1600A BUSWAY	208/ 120V	1	—	2000A BUSWAY	36, F.N. GND.		A-2	—	EXIST. POW. CONTR. EPC-41A	ATS-41SL	480V	2	3 1/2"	3-500MCM 1-#2/0	XHHW-2 GND.	3-50
L-4a	4-2	SWGR. BUS #4	BUSWAY CAP	480/ 277V	1	—	2000A BUSWAY	36, F.N. GND.	③	A-3	—	EXIST. P.B. #1	ATS-41SR	480V	1	2"	3-500MCM 1-#2/0	XHHW-2 GND.	3-6
L-4b	3-2	SWGR. BUS #3	EXIST. 1600A BUSWAY	480/ 277V	1	—	2000A BUSWAY	36, F.N. GND.		F-CP-41-S	—	PANEL #E-41A	P.B. "A"	208V	1	1 1/4"	2-1-10	—	1-
L-7	4-4	SWGR. BUS #4	MCC-MS41L	480V	3	3 1/2"	3-500MCM 1-#3/0	XHHW-2 GND.	③	—	—	P.B. "A"	DISC. SW. NORM. & U.P.S.	208V	1	1 1/4"	2-1-10	—	2-
L-BI	4-5	SWGR. BUS #4	TS-41S-F	480V	3	3 1/2"	3-500MCM 1-250MCM	XHHW-2 GND.		UPS-41S	—	U.P.S.	PANEL CP-41S	120/ 240V	1	1 1/4"	3-500MCM 1-250MCM	XHHW-2 GND.	3-1-
L-BI	—	TS-41S-F	EXIST. FIRE PUMP CONTROL STATION	480V	3	3 1/2"	3-500MCM 1-250MCM	XHHW-2 GND.	③	CP-41-BP	—	PULL BOX	UPS-SS41S	120/ 240V	1	1 1/4"	3-500MCM 1-250MCM	XHHW-2 GND.	3-1-
	R-1-TEMP	3-3	SWGR. BUS #3	TRANSF. #TR-R1	480V	2	3 1/2"	3-500MCM 1-#2/0		XHHW-2 GND.	F-SB-SE	—	PANEL #E-41A	PULL BOX	208/ 120V	1	2"	3-500MCM 1-#2/0	XHHW-2 GND.
FDR'S - TRANSFER FROM EXIST. SWGR "R" BUS (SEE DWG. #E-26, ONE LINE DIAGRAM)										TEMPORARY 480/277V. BUS									
R-1	—	—	—	—	—	3 1/2"	3-500MCM 1-#2/0	XHHW-2 GND.	③	R6	—	TS-41S-F	P.B. #1	480V	2	—	—	—	3-500
R-1	—	CB-R1	EXIST. 1600A BUSWAY	208/ 120V	1	—	2000A BUSWAY	36, F.N. GND.		—	—	—	—	—	—	—	—	—	1-/
R-2a	1-2	SWGR. BUS #1	BUSWAY CAP	480/ 277V	1	—	2000A BUSWAY	36, F.N. GND.	③	TEMPORARY 480/277V. BUS									
R-2b	2-2	SWGR. BUS #2	EXIST. 1600A BUSWAY	480/ 277V	1	—	2000A BUSWAY	36, F.N. GND.		—	—	—	—	—	—	—	—	—	—
R-3	2-7	SWGR. BUS #2	EXIST. WIREWAY	480V	1	3 1/2"	3-500MCM 1-#1/0	XHHW-2 GND.	①	EXIST. COLLE									
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